

Open Access An Introduction

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Open Access Publishing – How & Why?
- An Information and Discussion Seminar for Scientists -
Kiel, Integrated School of Ocean Sciences, 19.05.2010

Open Access – What Does It Mean?

„If I have seen further
it is by standing on the shoulders of giants.“
(Isaac Newton, 1676)

Science and research are based on
published scientific information

Students and scientists need scientific publications.

Open Access – What Does It Mean?

Publishing scientific results

- reputation of institution
- reputation of project
- further research funding

Open Access – What Does It Mean?

Access to scientific publications and information

via traditional
publishing houses

- restricted
- expensive

via Open Access

- immediately online
- free, without restrictions

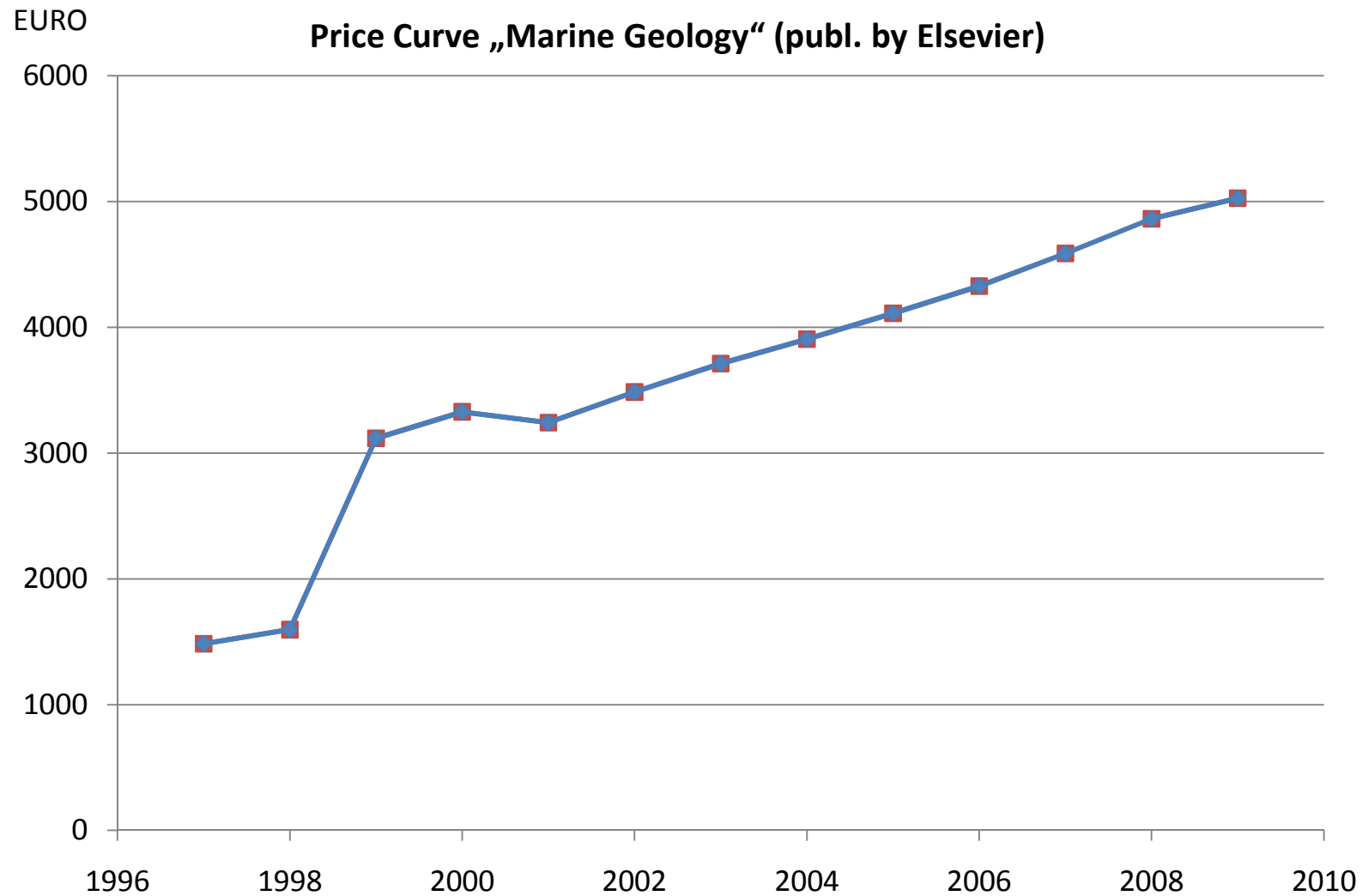
Open Access – Background Information

1995 on :

Internet : Information, communication, interaction

Publishers : Monopolization, Journals' price increase,
big profits

Open Access – Background Information



Open Access – Background Information

1995 on :

Internet : Information, communication, interaction

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big profits

**Libraries : Cancelling subscriptions,
restrictions in Interlibrary Loan**

➡ Restricted availability of scientific information



Open Access – Background Information

- to free authors and science from the restricted policies of publishing houses
- to rise the free access to scientific results
- and to give copyright back to the authors



Open Access Movement

Open Access – Background Information

“We define open access **as a comprehensive source of human knowledge** and cultural heritage that has been approved by the scientific community.”

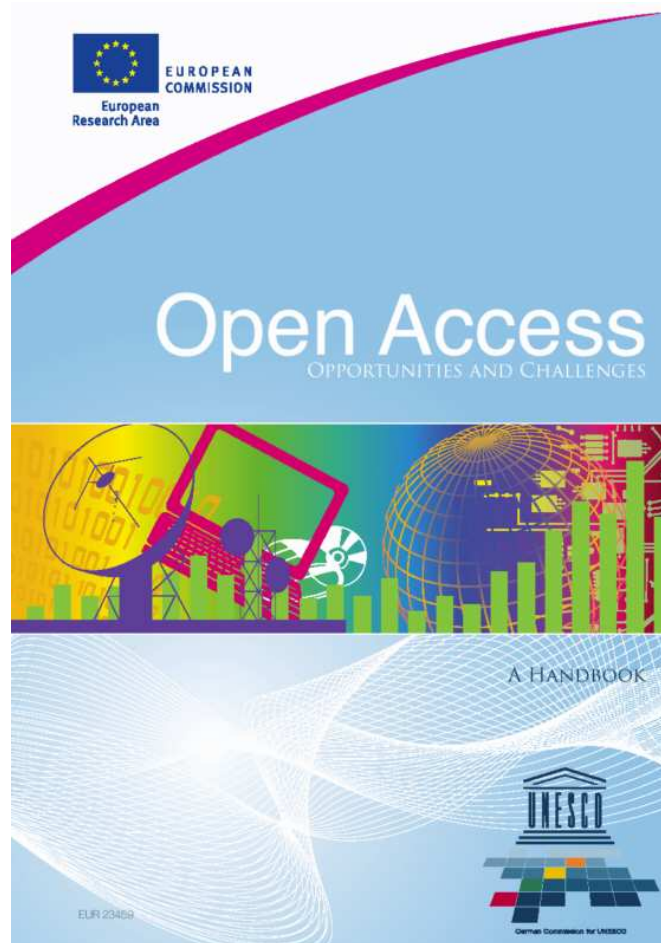
“Our organizations are interested in the further promotion of the new open access paradigm **to gain the most benefit for science and society.**”

The Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities (Oct. 22nd, 2003)

Signed by e.g. : DFG, WGL, WR, HRK, MPG, HG ...

Open Access – Support, Promotion, Funding

German Commission
to UNESCO
2007

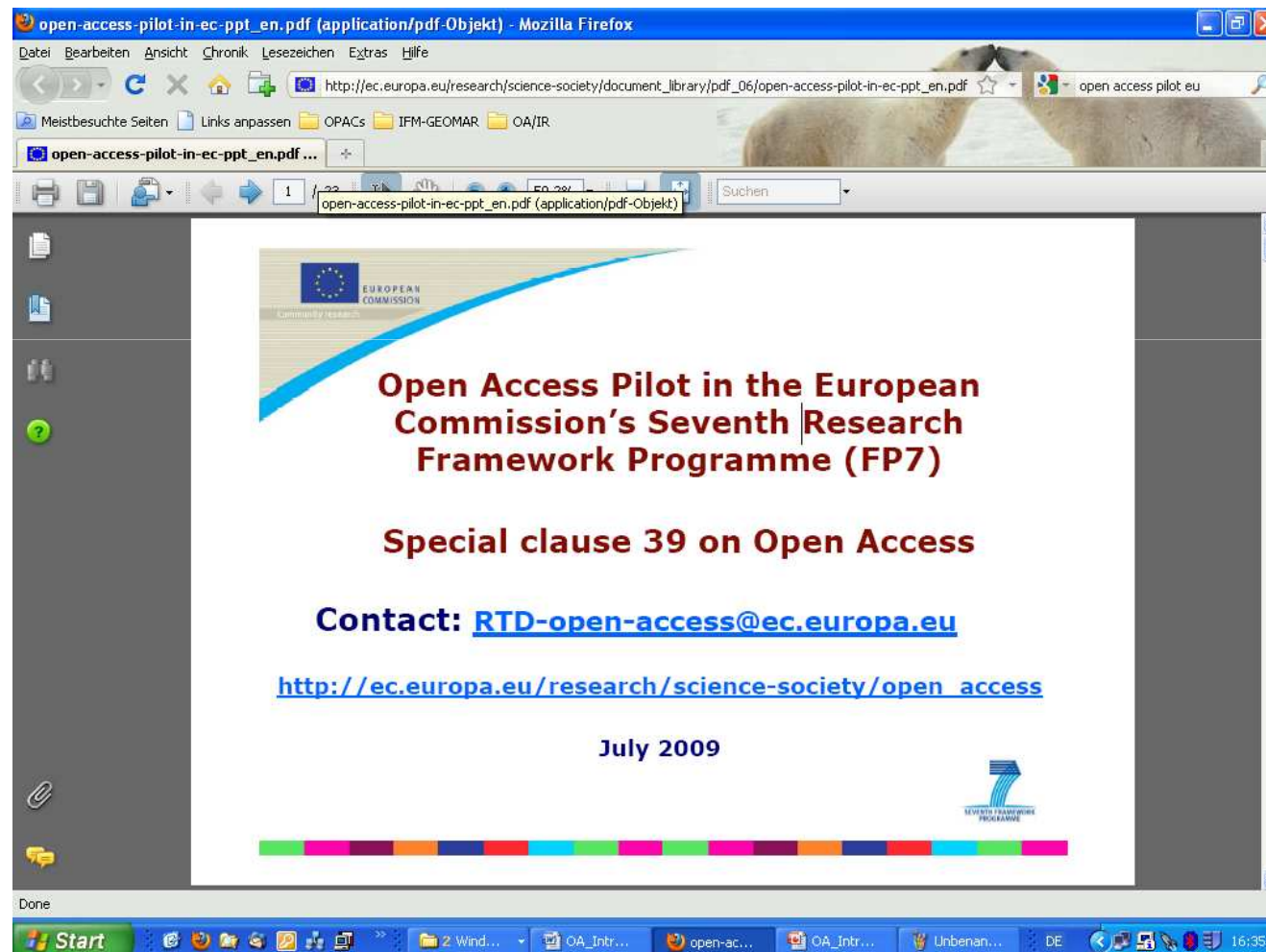


European Commission
ER 23459
2008

http://www.unesco.de/fileadmin/medien/Dokumente/Kommunikation/Handbook_Open_Access_English.pdf

(requested 14.05.2010)

Open Access – Support, Promotion, Funding



(Requested
14.05.2010)

Open Access – Support, Promotion, Funding

http://search.driver.research-infrastructures.eu/

Meistbesuchte Seiten | Links anpassen | OPACs | IFM-GEOMAR

DRIVER Search Portal

MyDriver
email password Sign in

driver Digital Repository Infrastructure Vision for European Research

SEARCH THE REPOSITORIES | LEARN ABOUT DRIVER | FIND SUPPORT | REGISTER YOUR REPOSITORY

Home | Search | Browse | Communities | Collections

Search for more than 2270000 documents in 257 repositories from 36 countries

Search Advanced Search...

News and Announcements

- 08 Feb 2010: **OpenAIRE portal** - The new OpenAIRE portal is now accessible. OpenAIRE is the new EC project which will set up the infrastructure for the FP7 OA pilot, to allow researchers to deposit and find all FP7 publications.
- 08 Feb 2010: **DRIVER going international** - repositories from Norway, the Russian Federation, China, Colombia, India, Qatar, South Africa and the USA have entered the DRIVER information space.
- 08 Feb 2010: **New repositories from Portugal** - Repositório Comum with 459 documents, Rep...

View all

Communities

Open Access Community

View all

Create your communities...

Collections

European Countries
Specialized Communities
Subject classification

View all

Create your collections...

Are you a repository manager?

Can we help your organization?

Fertig

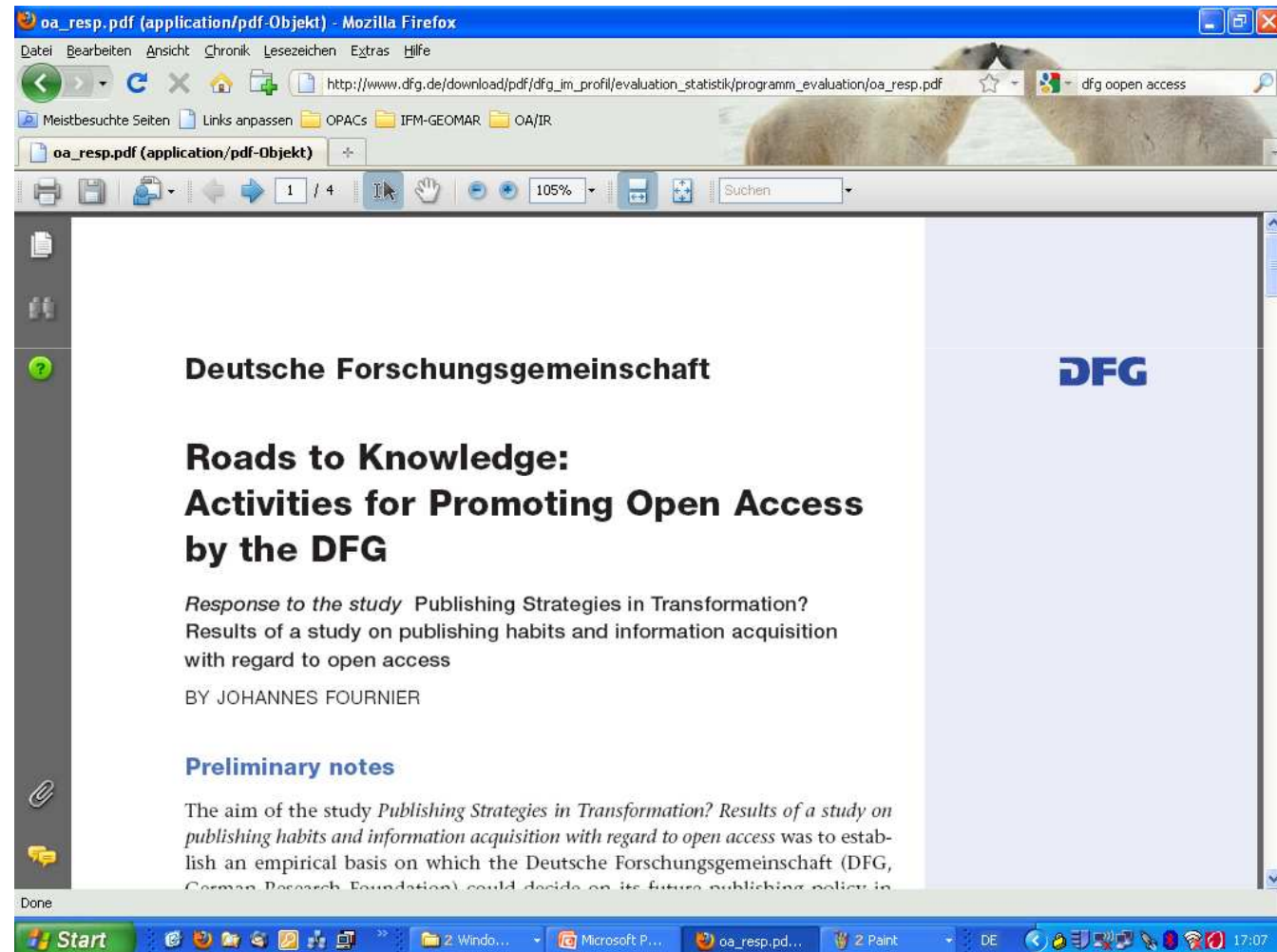
Start | 2 Firefox | 2 Wind... | 2 Micro... | DRIVER2... | Driver2.b... | 14:14

(Requested
14.05.2010)

Open Access – Support, Promotion, Funding

DFG:
„calling for easily
accessible freely
available electronic
publications ...“

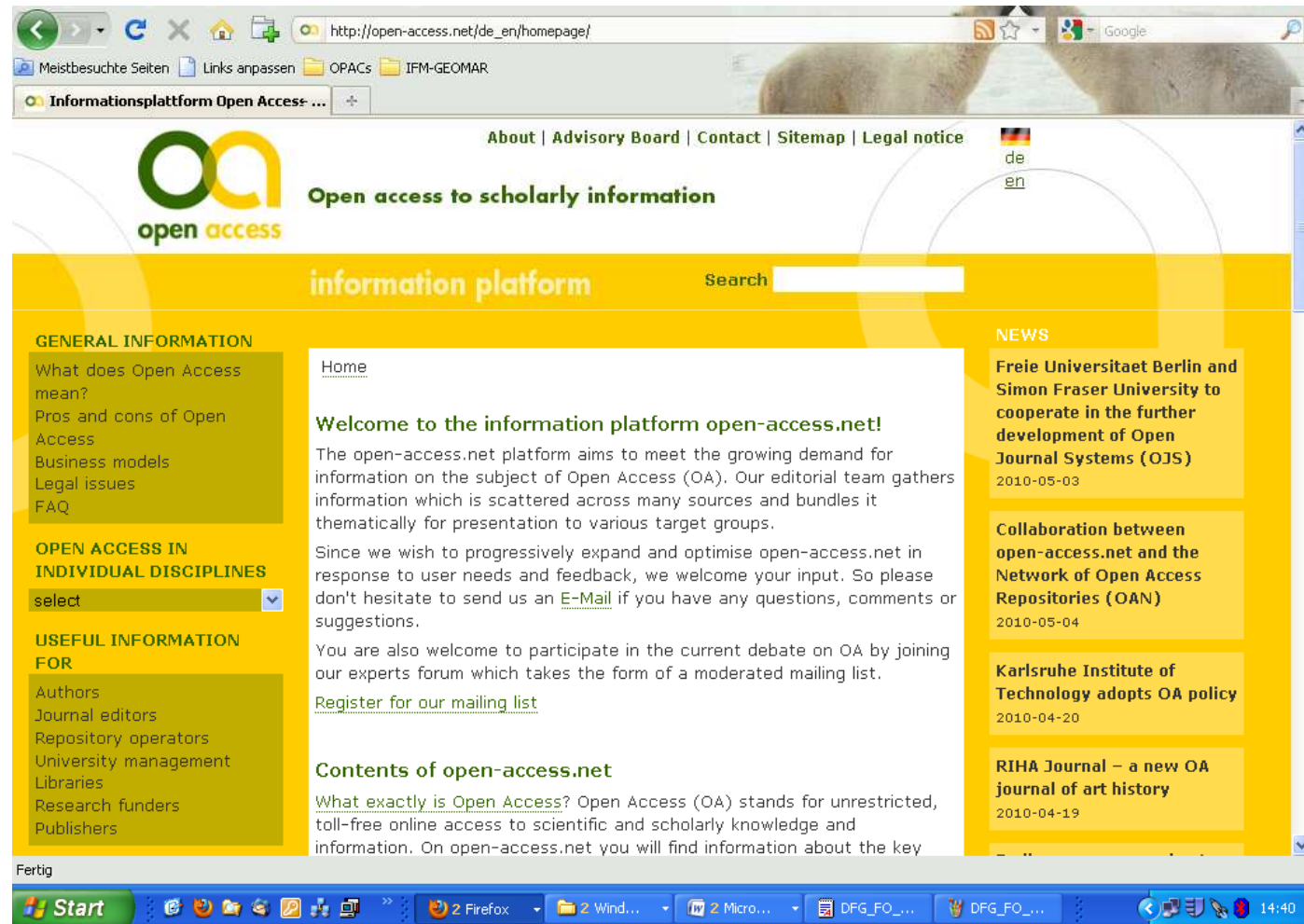
(Requested
14.05.2010)



Open Access – Support, Promotion, Funding

DFG
Funded
Project
(Example)

(Requested
14.05.2010)



Open Access – Support, Promotion, Funding

Priority Initiative
Digital Information,
Alliance of German
Scientific Organisations



Open Access – Options

Publishing in traditional journals

- No Open Access
- Publisher is copyright holder
- Time delay: 9-12 months

Publishing in “hybrid” journals

- Open Access
- not available for every journal
- costs about USD 3000 per paper
- same time delay
- Publisher is copyright holder

Open Access – Options

Publishing in traditional journals and in institutional repository

- Open Access
- No time delay
- Publishing house is copyright holder

 **The Green Way of Open Access**

Open Access – Options

Institutional Repositories

- Bibliographic/Descriptive metadata
 - Fulltexts for Open Access
 - Repository Networks
- Searchable by search engines, portals, harvesters
 - More than 1.500 worldwide, 141 in Germany

Open Access – Options

OpenDOAR *Directory of Open Access Repositories*

Home | Find | Suggest | Tools | FAQ | About | Contact Us

The Directory of Open Access Repositories - OpenDOAR

[Search for repositories](#) | [Search repository contents](#) | [List of repositories](#) | [Repository Statistics](#)

OpenDOAR is an authoritative directory of academic open access repositories. Each OpenDOAR repository has been visited by project staff to check the information that is recorded here. This in-depth approach does not rely on automated analysis and gives a [quality-controlled](#) list of repositories.

As well as providing a simple [repository list](#), OpenDOAR lets you [search for repositories](#) or [search repository contents](#). Additionally, we provide tools and support to both repository administrators and service providers in sharing best practice and improving the quality of the repository infrastructure. Further explanation of these features is given in a project document [Beyond the list](#).

The current directory lists repositories and allows breakdown and selection by a variety of criteria - see the [Find](#) page - which can also be viewed as [statistical charts](#). The underlying database has been designed from the ground up to include in-depth information on each repository that can be used for search, analysis, or underpinning services like text-mining. The OpenDOAR service is being developed incrementally, developing the current service as new features are introduced. A list of [Upgrades and Additions](#) is available.

Developments will be of use both to users wishing to find original research papers and for service providers like search engines or alert services which need easy-to-use tools for developing tailored search services to suit specific user communities.

The importance and widespread support for the project can be seen in its funders, led by the [Open Society Institute](#) (OSI), along with the [Joint Information Systems Committee](#) (JISC), the [Consortium of Research Libraries](#) (CURL) and [SPARCEurope](#).

OpenDOAR has also been identified as a [key resource](#) for the Open Access community (K. B. Oliver & B. Swain, 2006, p. 95).

<http://www.opendoar.org/suggestionschart.html>

OpenDOAR has over 1500 listings!

Growth of the OpenDOAR Database

Repositories by Continent

JISC OPEN SOCIETY INSTITUTE
CURL SPARC Europe

Start | 2 Windows Ex... | OA_Intro_Point... | Microsoft Power... | OpenDOAR - H... | DE | 22:01

(Requested
14.05.2010)

Open Access – Options

Publishing in open access journals (and in institutional repository)

- Open Access
- Author is copyright holder
- No time delay

 **The Golden Way of Open Access**

Open Access – Options

Directory of open access journals - Mozilla Firefox

http://www.doaj.org/

DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

Welcome to the Directory of Open Access Journals. This service covers free, full text, quality controlled scientific and scholarly journals. We aim to cover all subjects and languages. There are now **5013** journals in the directory. Currently **2061** journals are searchable at article level. As of today **394648** articles are included in the DOAJ service.

5 February 2010, Stockholm & Lund: Co-Action Publishing and Lund University Libraries Head Office are pleased to announce the launch of the **Online Guide to Open Access Journals Publishing** at <http://www.doaj.org/bpguide>.

Support the development and operation of DOAJ. Sign up for membership - go to the [membership page](#). We are very thankful for the support from those of you who have already decided to become DOAJ members. See the [list of members](#)

Find journals

Browse by title
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Browse by subject

(Requested
13.05.2010)

Open Access – Pros

- Author is Copyright holder
 - Quick availability
 - Worldwide availability
- Free availability without any restriction
- Fulltext via search engines, portals, harvesters
 - More citations
- Speeding up of scientific communication and discussion
- Improvement of international and interdisciplinary cooperation
 - Increased reliability of science and research

Open Access – Cons

- Lower impact factor because of journals' age

But:

DFG : „... “... clearly neither counting publications nor computing their cumulative impact factors are by themselves adequate forms of performance evaluation ...”

- Often publication fees, not yet embodied in research budgets

But:

The DFG is funding Open Access publications

- by sharing of expenses for publishing inside their funded projects
 - and by funding scientific publications in Open Access journals

Open Access – Results

- Science and research are no ends in themselves
 - Quick and unrestricted access to knowledge and information is essential for effective research and science
- Science should only be controlled by science

What about you, your research and your publications?



Open Access – Results

**To be visible or not to be visible,
that is the question ...**



Sources

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Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities vom 22.10.2003 :
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<http://www.driver-repository.eu/> (requested 16.05.2010)

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